

Please type a plus sign (+) inside this box →



PTO/SB/O8A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 14494/A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	N/A 09776322
		Filing Date	02/02/01
		First Named Inventor	Corvino et al.
		Group Art Unit	N/A 2662
		Examiner Name	N/A Alan Nguyen
Sheet 1 of 3	Attorney Docket Number	LUC-297/Corvino 1-7-1-24-1-4	

11002 U.S. PTO  
 09/776322  
 02/02/01

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
Ar	A1	5,534,912		Kostreski	7/9/1996	
A	A2	5,408,260		Arnon	4/18/1995	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind code <sup>5</sup> (if known)				

Examiner Signature	ala 3er	Date Considered	6/4/04
--------------------	---------	-----------------	--------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (10-96)  
Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <h2 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 0;">(use as many sheets as necessary)</p>				<b>Complete if Known</b>	
		Application Number	N/A 09776322		
		Filing Date	02/02/01		
		First Named Inventor	Corvino et al.		
		Group Art Unit	N/A 2662		
		Examiner Name	N/A Alan Nguyen		
		Attorney Docket Number	LUC-297/Corvino 1-7-1-24-1-4		
Sheet	2	of	3		

OTHER PRIORITY ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
A	C1	COOK, John; SHEPPARD, Phil; ADSL and VDSL Splitter Design and Telephony Performance; IEEE Journal on Selected Areas in Communications; 12/13/1995, No. 9; New York, NY; pp. 1634-1642.	
A	C2	"10base1; bundled T1/E1 module; E1; E1 (CEPT T1);" <a href="http://www.worldcom.com/cgi-bin/search?placetosearch=term&amp;searchfilter=contains&amp;searchstring=e1&amp;pagenum=0&amp;page=1">http://www.worldcom.com/cgi-bin/search?placetosearch=term&amp;searchfilter=contains&amp;searchstring=e1&amp;pagenum=0&amp;page=1</a> ; Worldcom, Clinton, MS; 12/12/2000.	
A	C3	"E3;" <a href="http://www.worldcom.com/cgi-bin/search?placetosearch=term&amp;searchfilter=contains&amp;searchstring=e3&amp;pagenum=0&amp;page=1">http://www.worldcom.com/cgi-bin/search?placetosearch=term&amp;searchfilter=contains&amp;searchstring=e3&amp;pagenum=0&amp;page=1</a> ; Worldcom, Clinton, MS; 12/12/2000.	
A	C4	"Enhanced DS1 Test Access Unit (eDTAU);" <a href="http://www.worldcom.com/cgi-bin/search?placetosearch=term&amp;searchfilter=contains&amp;searchstring=ds1&amp;pagenum=0&amp;page=1">http://www.worldcom.com/cgi-bin/search?placetosearch=term&amp;searchfilter=contains&amp;searchstring=ds1&amp;pagenum=0&amp;page=1</a> ; Worldcom, Clinton, MS; 12/12/2000.	
A	C5	"Simply ADSL;" <a href="http://msnhomepages.talkcity.com/ReportersAlley/redbox99/2adsl.htm">http://msnhomepages.talkcity.com/ReportersAlley/redbox99/2adsl.htm</a> ; Microsoft Corp., Redmond, WA; 12/8/1999.	
A	C6	"Class 5 Switch;" <a href="http://www.techweb.com/encyclopedia/defineterm?term=class+5+switch">http://www.techweb.com/encyclopedia/defineterm?term=class+5+switch</a> ; pp. 1-3; CMP Media, Inc., Manhasset, NY; 11/16/2000.	
A	C7	"ATM, Asynchronous Transfer Mode;" <a href="http://www.techweb.com/encyclopedia/defineterm?term=atm">http://www.techweb.com/encyclopedia/defineterm?term=atm</a> ; pp. 1-9; CMP Media, Inc., Manhasset, NY; 11/14/2000.	
A	C8	"PSTN, Public Switched Telephone Network;" <a href="http://www.techweb.com/encyclopedia/defineterm?term=pstn">http://www.techweb.com/encyclopedia/defineterm?term=pstn</a> ; pp. 1-2; CMP Media, Inc., Manhasset, NY; 11/9/2000.	
A	C9	"POTS Splitter;" <a href="http://www.techweb.com/encyclopedia/defineterm?term=POTSSPLITTER&amp;exact=1">http://www.techweb.com/encyclopedia/defineterm?term=POTSSPLITTER&amp;exact=1</a> ; pp. 1-2; CMP Media, Inc., Manhasset, NY; 11/9/2000.	
A	C10	"Central Office;" <a href="http://www.techweb.com/encyclopedia/defineterm?term=central+office">http://www.techweb.com/encyclopedia/defineterm?term=central+office</a> ; pp. 1-4; CMP Media, Inc., Manhasset, NY; 11/10/2000.	
A	C11	"POTS, Plain Old Telephone Service", <a href="http://www.worldcom.com/tools-resources/communications_library/search?placetosearch+term&amp;searchfilter=is&amp;searchstring=plain+old+telephone+service+%">http://www.worldcom.com/tools-resources/communications_library/search?placetosearch+term&amp;searchfilter=is&amp;searchstring=plain+old+telephone+service+%</a> ; pp. 1-2; Worldcom, Clinton, MS; 11/09/2000.	
Examiner Signature		<div style="font-family: cursive; font-size: 1.5em; margin: 0;">Alan Z</div>	
Date Considered		6/4/04	

\* EXAMINER: Initial if reverence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (10-96)  
Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>				<b>Complete if Known</b>	
Application Number		N/A 09 776322		PTO 09 776322 02/02/01	
Filing Date		02/02/01			
First Named Inventor		Corvino et al.			
Group Art Unit		N/A 2662			
Examiner Name		N/A Alan Nguyen			
Attorney Docket Number		LUC-297/Corvino 1-7-1-24-1-4			
Sheet	3	of	3		

OTHER PRIORITY ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Ar	C12	"DSLAM, DSL Access Multiplexor," <a href="http://www.techweb.com/encyclopedia/defineterm?term=DSLAM&amp;exact=1">http://www.techweb.com/encyclopedia/defineterm?term=DSLAM&amp;exact=1</a> ; CMP Media, Inc., Manhasset, NY; 11/14/2000.	
Ar	C13	"MDF, Main Distribution Frame," <a href="http://www.techweb.com/encyclopedia/defineterm?term=MDF">http://www.techweb.com/encyclopedia/defineterm?term=MDF</a> ; CMP Media, Inc., Manhasset, NY; 11/9/2000.	
Ar	C14	"DSL, Digital Subscriber Line," <a href="http://www.techweb.com/encyclopedia/defineterm?term=DSL">http://www.techweb.com/encyclopedia/defineterm?term=DSL</a> ; pp. 1-5; CMP Media, Inc., Manhasset, NY; 11/9/2000.	
Ar	C15	"LAN, Local Area Network", <a href="http://www.techweb.com/encyclopedia/defineterm?term=lan">http://www.techweb.com/encyclopedia/defineterm?term=lan</a> ; pp.1-7; CMP Media, Inc., Manhasset, NY; 11/14/2000.	
Ar	C16	"WAN, Wide Area Network;" <a href="http://www.techweb.com/encyclopedia/defineterm?term=wan">http://www.techweb.com/encyclopedia/defineterm?term=wan</a> ; pp.1-3; CMP Media, Inc., Manhasset, NY; 11/14/2000.	
Examiner Signature			Date Considered 6/4/04

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.